

Product Datasheet

Goat Cortisol (Cor) ELISA Kit (orb1736492)

Catalog Number orb1736492

Description This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with Goat Cor protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Goat Cor. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of $450\text{nm} \pm 10\text{nm}$. The concentration of Goat Cor in the samples is then determined by comparing the OD of the samples to the standard curve.

Reactivity Goat

Range 3.13-200 ng/mL

Concentration 200 ng/mL

Note For research use only

Application notes standard: 200 ng/mL. Test principle: This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with Goat Cor protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Goat Cor. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of $450\text{nm} \pm 10\text{nm}$. The concentration of Goat Cor in the samples is then determined by comparing the OD of the samples to the standard curve

Sample Types serum, plasma, urine and other biological fluids

Assay Time 2.5h

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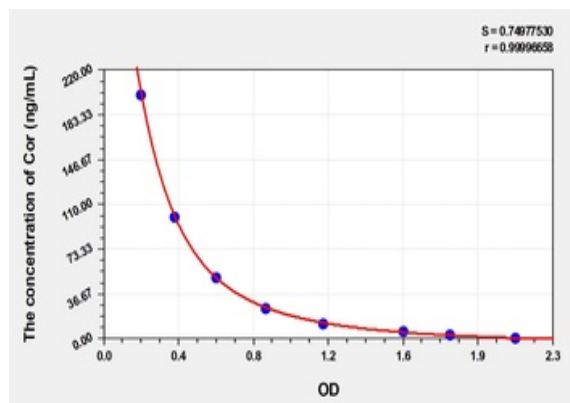
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Sensitivity 0.89 ng/mL

Expiration Date Please enquire.



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